

CLAIMS

What is claimed as being new and desired to be protected by Letters Patent of the United States is as follows:

- 5 1. A lining refuse receptacle device comprising:
a base;
a hinge attached to said base;
a spring latch attached to said base;
a collar attached to said base;
10 a dowel pivotally attached to said collar;
a spindle having distal and proximate ends, said proximate end of said spindle is attached to said dowel;
a catch attached to said base, wherein said catch is contacting said distal end of said spindle;
a bucket attached to said hinge, said bucket having a top rim and a bottom plate, wherein said
15 bottom plate having an elongated slot cut through said bottom plate of said bucket; and
a ridge attached to said bucket, wherein said ridge is capable of being clamped onto with said spring latch.

- 20 2. The device of Claim 1 further comprising a garbage bag roll slidably attached to said spindle, said garbage bag roll comprising a continuous length of a plurality of separable trash liners, wherein one trash liner at a time can be retrieved by partially unwinding said garbage bag roll.

- 25 3. The device of Claim 2 wherein said garbage bag roll is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

- 30 4. The device of Claim 1 wherein said bottom plate of said bucket can be rotated upwardly away from said base into an open position when said spring latch is not engaged with said ridge.

5. The device of Claim 1 wherein said bottom plate of said bucket can be rotated downwardly

towards said base into a closed position wherein said spring latch is engageable with said ridge.

6. The device of Claim 1 wherein said distal end of said spindle can be rotated upwardly away from said base into a load position.

7. The device of Claim 1 wherein said distal end of said spindle can be rotated downwardly towards said base so that said distal end of said spindle rests on said catch in a dispensing position.

8. The device of Claim 1 wherein said bucket is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

9. The device of Claim 1 wherein said base is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

10. The device of Claim 1 wherein said spindle is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

11. The device of Claim 1 wherein said spring latch is made of metal.

12. The device of Claim 1 wherein said spring latch is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

13. The device of Claim 1 wherein said collar is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane
5 copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

14. The device of Claim 1 wherein said dowel is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers,
10 polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

15. The device of Claim 1 wherein said hinge is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers,
15 polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

16. The device of Claim 1 wherein said ridge is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers,
20 polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

25 17. The device of Claim 1 wherein said hinge is a piano hinge.

18. The device of Claim 1 wherein said catch is made of plastic selected from the group consisting of rubber, neoprene, polyvinyl chloride, polyester, polyethylene, polypropylene, polyurethanes, polyacryls, polymethacryls, cellulosic polymers, styrene-acryl copolymers, polystyrene-polyacryl mixtures, polysiloxanes, urethane-acryl copolymers, siloxane-urethane
30 copolymers, polyurethane-polymethacryl mixtures, silicone-acryl copolymers, vinyl acetate polymers, and mixtures thereof.

19. A kit for an automatic lining refuse receptacle device, said kit comprising:

a base;

a hinge attached to said base;

a spring latch attached to said base;

5 a collar attached to said base;

a dowel pivotally attached to said collar;

a spindle having distal and proximate ends, said proximate end of said spindle is attached to said dowel;

a catch attached to said base, wherein said catch is contacting said distal end of said spindle;

10 a bucket attached to said hinge, said bucket having a top rim and a bottom plate, wherein said bottom plate having an elongated slot cut through said bottom plate of said bucket; ;

a ridge attached to said bucket, wherein said ridge is capable of being clamped onto with said spring latch; and

15 a garbage bag roll slidably attachable to said spindle, said garbage bag roll comprising a continuous length of a plurality of separable trash liners, wherein one trash liner at a time can be retrieved by partially unwinding said garbage bag roll.

20. A method of using a kit for a lining refuse receptacle device, the method comprising the steps of:

20 obtaining the kit comprising:

a base;

a hinge attached to the base;

a spring latch attached to the base;

a collar attached to the base;

25 a dowel pivotally attached to the collar;

a spindle having a distal and proximate ends, the distal end of the spindle is attached to the dowel;

a catch attached to the base, wherein the catch is contacting the distal end of the spindle;

30 a bucket attached to said hinge, the bucket having a top rim and a bottom plate, wherein the bottom plate having an elongated slot cut through the bottom plate of the bucket;

a ridge attached to the bucket, wherein the ridge is clamped onto with the spring latch;

and

a garbage bag roll slidably attachable to the spindle, the garbage bag roll comprising a continuous length of a plurality of separable trash liners, wherein one trash liner at a time can be retrieved by partially unwinding the garbage bag roll;

5 unclamping the spring latch from the ridge;

rotating upwardly the bottom plate of the garbage away from the base into an open position, wherein said rotating step performed when the spring latch is unclamped;

gyrating upwardly the distal end of the spindle away from the base into a load position;

grabbing hold of the garbage bag roll;

10 inserting slidably the spindle through the garbage bag roll when the spindle is in the load position;

revolving downwardly the distal end of the spindle towards the base so that the distal end of the spindle contacts onto on the catch wherein said rotating step places the spindle in a dispensing position wherein said rotating step performed subsequent to said inserting step and performed

15 when the spindle is inserted through the garbage bag roll;

unwinding partially the garbage bag roll to retrieve a portion of one trash liner from the garbage bag roll;

threading the one trash liner through the elongated slot in the bottom plate of the bucket;

swiveling downwardly the bottom plate of the bucket onto the base into a closed position when

20 the one trash liner is threaded through the elongated slot in the bottom plate of the bucket;

clamping the spring latch to the ridge when the bottom plate of the bucket is in the closed position; and

securing a portion of the threaded trash liner over the top rim of the bucket.